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Jameco Part Number 216936 (SLW05B-05)

MEAN WELL

SWITCHING POWER SUPPLY

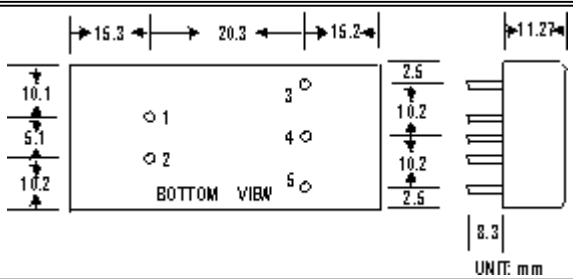
ISO-9001 CERTIFIED MANUFACTURER

SLW05B SERIES

- .2:1 WIDE INPUT RANGE
- .REGULATED DC OUTPUT
- .1000VDC I/O ISOLATION
- .3000VDC ISOLATION IS AVAILABLE
- .INPUT PI NETWORK FILTER
- .INDUSTRY STANDARD PACKAGE
- .FIVE-SIDED SHIELD OF METAL CASE
- .NO EXTERNAL COMPONENTS REQUIRED
- .HIGH PERFORMACE / LOW PRICE
- .SHORT CIRCUIT PROTECTION
- .100% BURN-IN TEST
- .1 YEAR WARRANTY

MODEL / SPECIFICATION	SLW05B-033	SLW05B-05	SLW05B-09	SLW05B-12	SLW05B-15
DC OUTPUT VOLTAGE	3.3V	5V	9V	12V	15V
OUTPUT VOLTAGE ACCURACY	±2%				
OUTPUT RATED CURRENT	1500mA	1000mA	556mA	417mA	333mA
OUTPUT CURRENT RANGE	150-1500mA	100-1000mA	55.6-556mA	41.7-417mA	33.3-333mA
RIPPLE & NOISE	100mVp-p (max.)				
LINE REGULATION	±0.2%	±0.2%	±0.2%	±0.2%	±0.2%
LOAD REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
DC OUTPUT POWER	5W	5W	5W	5W	5W
EFFICIENCY	71%	77%	81%	82%	83%
SWITCHING FREQUENCY	50KHz min.				
INPUT VOLTAGE RANGE	18~36VDC				
INPUT CURRENT	270mA max.				
SHORT CIRCUIT PROTECTION	CONTINOUS				
OVER VOLTAGE PROTECTION	----------				
TEMP. COEFFICIENT	±0.03% / °C (0~50° C)				
ISOLATION VOLTAGE	I/P-O/P:1KVDC MIN.				
ISOLATION RESISTANCE	I/P-O/P:100M Ohms MIN. @500VDC				
ISOLATION CAPACITANCE	---------				
WORKING TEMP., HUMIDITY	-15° C~+60° C, 20%~90% RH (NO DERATING); 80% LOAD @ 71° C				
STORAGE TEMP., HUMIDITY	-25° C~+85° C, 10%~95% RH				
DIMENSION	2"*1"*0.44"				
WEIGHT	31g				
CASE METERIAL	FIVE-SIDED SHIELD OF METAL CASE				

MECHANISM AND PIN CONFIGURATION



Pin no.	Output
1	+Vin
2	-Vin
3	+Vout
4	No Pin
5	-Vout

NOTE :
1. ALL PARAMETERS ARE SPECIFIED AT RATED INPUT, RATED LOAD, 25° C 70% RH. AMBIENT.
2. RIPPLE & NOISE ARE MEASURED AT 20MHz BY USING A 12" TWISTED PAIR TERMINATED WITH A 0.1uF & 47uF CAPACITOR.
3. LINE REGULATION IS MEASURED FROM LOW LINE TO HIGH LINE AT RATED LOAD.
4. LOAD REGULATION IS MEASURED FROM 20% TO 100% RATED LOAD.

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